

Hosted in Idaho Falls, ID Near Yellowstone & Grand Teton Parks

# ISRCS 2010

## 3rd International Symposium on Resilient Control Systems

August 10-12, 2010

The major purpose of this symposium is to extend and endorse particular concepts that will generate novel research and codify resilience in next generation control system designs.

## Special/Invited Session Announcement & Call for Papers

### Session S/I-02: Robotics and Mechatronics

**Session Abstract:** Mechatronics is the synergistic combination of precision mechanical engineering, electronic control and systems thinking in the design of products and manufacturing processes. It relates to the design of systems, devices and products aimed at achieving an optimal balance between basic mechanical structure and its overall control.

**Topics:** Analysis, modelling and simulation, optimisation, system design, motion control, parallel robots, cooperative systems, virtual reality, kinematics and dynamics, genetic algorithms, micro and nano devices, intelligent systems, mechatronic engineering, education in mechatronics, and application of mechatronic systems.

### Chairs:

- Chairs : Dr. Milos Manic & Dr. Sergiu-Dan Stan (TU Cluj-Napoca, [sergiustan@ieee.org](mailto:sergiustan@ieee.org))

### Authors' Schedule:

- Paper submission deadline: ~~April 5, 2010~~ May 7, 2010 **Extended**
- Notification of acceptance: June 7, 2010
- Final Paper Submission: July 12, 2010

### Submission of Papers:

Papers must be submitted electronically through the electronic submission system. For further details please consult the conference web pages for the paper template.

#### Contact Information

**Symposium Secretary:** Michelle Blacker  
(208) 526-6184 • [michelle.blacker@inl.gov](mailto:michelle.blacker@inl.gov)

**Symposium Logistics:** Angela Good  
(208) 526-9613 • [angela.good@inl.gov](mailto:angela.good@inl.gov)

**Symposium Chair:** Craig Rieger  
(208) 526-4136 • [craig.rieger@inl.gov](mailto:craig.rieger@inl.gov)